

=> fil reg

FILE 'REGISTRY' ENTERED AT 08:33:56 ON 17 MAR 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 16 MAR 2008 HIGHEST RN 1008362-16-0
 DICTIONARY FILE UPDATES: 16 MAR 2008 HIGHEST RN 1008362-16-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

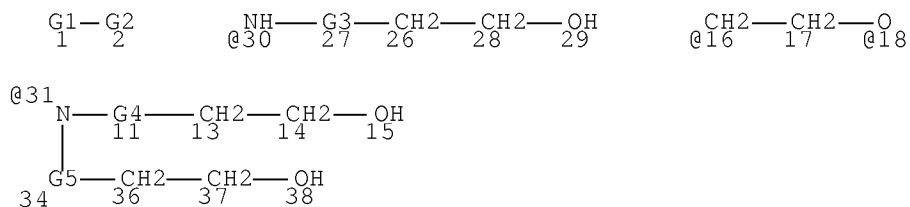
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d sta que l87
 L82 STR



VAR G1=AK/ID
 VAR G2=30/31
 REP G3=(0-2) 16-30 18-26
 REP G4=(0-2) 16-31 18-13
 REP G5=(0-2) 16-31 18-36
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE
 L83 SCR 1700 OR 1701
 L84 SCR 1597 OR 1609
 L85 SCR 1944
 L87 3567 SEA FILE=REGISTRY CSS FUL L82 AND L83 AND L84 AND L85

100.0% PROCESSED 654839 ITERATIONS

3567 ANSWERS

SEARCH TIME: 00.00.12

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 08:34:12 ON 17 MAR 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Mar 2008 VOL 148 ISS 12

FILE LAST UPDATED: 16 Mar 2008 (20080316/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d all hitstr retable l131

L131 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:429516 HCAPLUS Full-text

DN 142:465475

ED Entered STN: 20 May 2005

TI Antirust oil-water separation type detergent composition with good detergency

IN Okumura, Kazushi; Tochikawa, Hirofumi; Makino, Masahiro; Tojo, Hideaki

PA Nicca Chemical Co., Ltd., Japan; Honda Motor Co., Ltd.

SO PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

IC ICM C11D0001-66

ICS C11D0001-10; C11D0001-28; C11D0001-88; B08B0003-08; C23G0001-36; C23G0005-036

CC 46-6 (Surface Active Agents and Detergents)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005044964	A1	20050519	WO 2004-JP15520	20041020 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,				

EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

JP 2005146004	A	20050609	JP 2003-381205	20031111 <--
CA 2543371	A1	20050519	CA 2004-2543371	20041020 <--
EP 1683853	A1	20060726	EP 2004-792686	20041020 <--
R: DE, FR, GB				
CN 1856566	A	20061101	CN 2004-80027311	20041020 <--
IN 2006DN02528	A	20070810	IN 2006-DN2528	20060504 <--
US 2007173425	A1	20070726	US 2007-577877	20070308 <--
PRAI JP 2003-381205	A	20031111	<--	
WO 2004-JP15520	W	20041020	<--	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005044964	ICM	C11D0001-66
	ICS	C11D0001-10; C11D0001-28; C11D0001-88; B08B0003-08; C23G0001-36; C23G0005-036
	IPCI	C11D0001-66 [ICM,7]; C11D0001-10 [ICS,7]; C11D0001-28 [ICS,7]; C11D0001-02 [ICS,7,C*]; C11D0001-88 [ICS,7]; B08B0003-08 [ICS,7]; C23G0001-36 [ICS,7]; C23G0001-00 [ICS,7,C*]; C23G0005-036 [ICS,7]; C23G0005-00 [ICS,7,C*]
	IPCR	B08B0003-08 [I,C*]; B08B0003-08 [I,A]; C11D0001-02 [I,C*]; C11D0001-10 [I,A]; C11D0001-28 [I,A]; C11D0001-38 [N,C*]; C11D0001-44 [N,A]; C11D0001-72 [I,C*]; C11D0001-72 [I,A]; C11D0001-835 [I,C*]; C11D0001-835 [I,A]; C11D0001-88 [I,C*]; C11D0001-88 [I,A]; C23G0001-00 [I,C*]; C23G0001-24 [I,A]; C23G0001-36 [I,A]; C23G0005-00 [I,C*]; C23G0005-036 [I,A]
	ECLA	C11D001/835; C23G001/24
JP 2005146004	IPCI	C11D0001-72 [ICM,7]; B08B0003-08 [ICS,7]; C11D0001-10 [ICS,7]; C11D0001-28 [ICS,7]; C11D0001-02 [ICS,7,C*]; C11D0001-88 [ICS,7]; C23G0001-36 [ICS,7]; C23G0001-00 [ICS,7,C*]; C23G0005-036 [ICS,7]; C23G0005-00 [ICS,7,C*]
	IPCR	C23G0001-00 [I,C*]; C23G0001-24 [I,A]
	FTERM	3B201/AA47; 3B201/BB92; 3B201/BB94; 4H003/AB08; 4H003/AB21; 4H003/AC13; 4H003/AD02; 4H003/DA12; 4H003/DA14; 4H003/DB02; 4H003/DC01; 4H003/ED02; 4H003/FA15; 4H003/FA28; 4K053/PA17; 4K053/QA04; 4K053/QA05; 4K053/RA31; 4K053/RA32; 4K053/RA45; 4K053/RA52; 4K053/RA63; 4K053/YA03; 4K053/YA06
CA 2543371	IPCI	B08B0003-08 [I,A]; C11D0001-10 [I,A]; C11D0001-28 [I,A]; C11D0001-02 [I,C*]; C11D0001-66 [I,A]; C11D0001-88 [I,A]; C23G0001-36 [I,A]; C23G0001-00 [I,C*]; C23G0005-036 [I,A]; C23G0005-00 [I,C*]
	IPCR	B08B0003-08 [I,C*]; B08B0003-08 [I,A]; C11D0001-66 [I,A]; C11D0001-02 [I,C]; C11D0001-10 [I,A]; C11D0001-28 [I,A]; C11D0001-38 [N,C*]; C11D0001-44 [N,A]; C11D0001-66 [I,C]; C11D0001-72 [I,C*]; C11D0001-72 [I,A]; C11D0001-835 [I,C*]; C11D0001-835 [I,A]; C11D0001-88 [I,C]; C11D0001-88 [I,A]; C23G0001-00 [I,C]; C23G0001-24 [I,A]; C23G0001-36 [I,A]; C23G0005-00 [I,C]; C23G0005-036 [I,A]
	ECLA	C11D001/835; C23G001/24
EP 1683853	IPCI	C11D0001-66 [ICM,7]; C11D0001-10 [ICS,7]; C11D0001-28 [ICS,7]; C11D0001-02 [ICS,7,C*]; C11D0001-88 [ICS,7]; B08B0003-08 [ICS,7]; C23G0001-36 [ICS,7]; C23G0001-00

[ICS,7,C*]; C23G0005-036 [ICS,7]; C23G0005-00 [ICS,7,C*]

IPCR B08B0003-08 [I,C*]; B08B0003-08 [I,A]; C11D0001-66 [I,A]; C11D0001-02 [I,C]; C11D0001-10 [I,A]; C11D0001-28 [I,A]; C11D0001-38 [N,C*]; C11D0001-44 [N,A]; C11D0001-66 [I,C]; C11D0001-72 [I,C*]; C11D0001-72 [I,A]; C11D0001-835 [I,C*]; C11D0001-835 [I,A]; C11D0001-88 [I,C]; C11D0001-88 [I,A]; C23G0001-00 [I,C]; C23G0001-24 [I,A]; C23G0001-36 [I,A]; C23G0005-00 [I,C]; C23G0005-036 [I,A]

ECLA C11D001/835; C23G001/24

CN 1856566 IPCI C11D0001-66 [I,A]; C11D0001-10 [I,A]; C11D0001-28 [I,A]; C11D0001-02 [I,C*]; C11D0001-88 [I,A]; B08B0003-08 [I,A]; C23G0001-36 [I,A]; C23G0001-00 [I,C*]; C23G0005-036 [I,A]; C23G0005-00 [I,C*]

IPCR B08B0003-08 [I,C*]; B08B0003-08 [I,A]; C11D0001-66 [I,C]; C11D0001-66 [I,A]; C11D0001-02 [I,C*]; C11D0001-10 [I,A]; C11D0001-28 [I,A]; C11D0001-38 [N,C*]; C11D0001-44 [N,A]; C11D0001-72 [I,C*]; C11D0001-72 [I,A]; C11D0001-835 [I,C*]; C11D0001-835 [I,A]; C11D0001-88 [I,C*]; C11D0001-88 [I,A]; C23G0001-00 [I,C*]; C23G0001-24 [I,A]; C23G0001-36 [I,A]; C23G0005-00 [I,C*]; C23G0005-036 [I,A]

ECLA C11D001/835; C23G001/24; M11D; M11D

IN 2006DN02528 IPCI C11D0001-66 [ICM,7]

US 2007173425 IPCI B08B0007-04 [I,A]; C23G0005-00 [I,A]; C09D0009-00 [I,A]

NCL 510/201.000; 134/010.000; 134/040.000

OS MARPAT 142:465475

AB An antirust oil water separation type detergent composition comprising ethylene oxide adduct of monoalkylamine $RN(CH_2CH_2O)_mH(CH_2CH_2O)_nH$, and ≥ 1 member selected from C8-22 hydrocarbon-containing N-monoalkyl-N-(2-hydroxyalkyl)iminoethylenecarboxylates, acylated amino acid salts, or alkylolysarcosine salts, and tall oil fatty acid salts is brought into contact with an adherend having ≥ 1 oil selected from grease oil, naphthenic mineral oil, paraffinic mineral oil, poly- α -olefins, polyol esters and polydimethylsiloxane adhering thereto to thereby achieve not only separation of the oil from the adherend but also imparting of antirust capability to the adherend and thus generate an oil layer containing the above oil, wherein R = C7-9 linear or branched alkyl and m, n = 0-2 integer ($m + n = 1-3$). Thus, a composition comprising N-2-ethylhexyl-N-hydroxyethylamine 7, sodium N-2-ethylhexyl-N-(2-hydroxyethyl)-iminoethylenecarboxylate 3, and water 90 g showed good detergency, oil-water separation, and antirust effect.

ST antirust oil water sepn detergent compn detergency;
ethylhexylhydroxyethylamine sodium ethylhexylhydroxyethyliminoethylenecarboxylate detergent compn

IT Naphthenic oils
Paraffin oils

RL: REM (Removal or disposal); PROC (Process)

(antirust oil-water separation type detergent compns. with good detergency)

IT Amines, uses

RL: TEM (Technical or engineered material use); USES (Uses)

(antirust oil-water separation type detergent compns. with good detergency)

IT Fatty acids, uses

RL: TEM (Technical or engineered material use); USES (Uses)

(coco, sarcosine derivs.; antirust oil-water separation type detergent compns. with good detergency)

IT Fatty acids, uses

RL: TEM (Technical or engineered material use); USES (Uses)

(coco, sodium salts, acyl alanine derivs.; antirust oil-water separation

type detergent compns. with good detergency)

IT Detergents
(degreasing compns.; antirust oil-water separation type detergent compns. with good detergency)

IT Oils
RL: REM (Removal or disposal); PROC (Process)
(grease; antirust oil-water separation type detergent compns. with good detergency)

IT Polyolefins
RL: REM (Removal or disposal); PROC (Process)
(oils; antirust oil-water separation type detergent compns. with good detergency)

IT Alcohols, processes
RL: REM (Removal or disposal); PROC (Process)
(polyhydric, esters; antirust oil-water separation type detergent compns. with good detergency)

IT Tall oil rosin
RL: TEM (Technical or engineered material use); USES (Uses)
(sodium salts; antirust oil-water separation type detergent compns. with good detergency)

IT Fatty acids, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(tall-oil, sodium salts; antirust oil-water separation type detergent compns. with good detergency)

IT 56-41-7D, Alanine, fatty acid acyl derivs., triethanolamine salts
101-07-5 102-71-6D, Triethanolamine, salts with cocoyl
fatty acid acyl alanine 107-97-1D, Sarcosine, cocoyl fatty acid
derivs. 61993-95-1 171264-53-2, Soypon SCE
240492-41-5, Amilite ACT 12 851625-76-8
851625-77-9 851680-02-9, Hartall 30
RL: TEM (Technical or engineered material use); USES (Uses)
(antirust oil-water separation type detergent compns. with good detergency)

IT 31900-57-9, Polydimethylsiloxane
RL: REM (Removal or disposal); PROC (Process)
(assumed monomers, oil; antirust oil-water separation type detergent compns. with good detergency)

IT 9016-00-6, Polydimethylsiloxane
RL: REM (Removal or disposal); PROC (Process)
(oil; antirust oil-water separation type detergent compns. with good detergency)

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

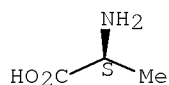
(1) Kao Corp; JP 62-146285 A 1987 HCAPLUS
(2) Kao Corp; JP 05-279695 A 1993 HCAPLUS
(3) Kao Corp; JP 08-000917 B2 1996 HCAPLUS
(4) Lion Corp; JP 2000290686 A 2000 HCAPLUS
(5) Nicca Chemical Co Ltd; JP 3430147 B2 2003 HCAPLUS
(6) Yushiro Chemical Industry Co Ltd; JP 2003119496 A 2003 HCAPLUS

IT 56-41-7D, Alanine, fatty acid acyl derivs., triethanolamine salts
101-07-5 102-71-6D, Triethanolamine, salts with cocoyl
fatty acid acyl alanine 107-97-1D, Sarcosine, cocoyl fatty acid
derivs. 61993-95-1 171264-53-2, Soypon SCE
240492-41-5, Amilite ACT 12 851625-76-8
851625-77-9 851680-02-9, Hartall 30
RL: TEM (Technical or engineered material use); USES (Uses)
(antirust oil-water separation type detergent compns. with good detergency)

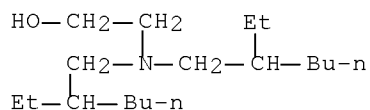
RN 56-41-7 HCAPLUS

CN L-Alanine (CA INDEX NAME)

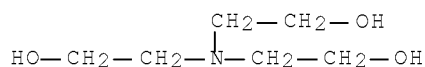
Absolute stereochemistry. Rotation (+).



RN 101-07-5 HCAPLUS
CN Ethanol, 2-[bis(2-ethylhexyl)amino]- (CA INDEX NAME)



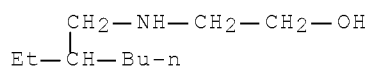
RN 102-71-6 HCAPLUS
CN Ethanol, 2,2',2''-nitrilotris- (CA INDEX NAME)



RN 107-97-1 HCAPLUS
CN Glycine, N-methyl- (CA INDEX NAME)



RN 61993-95-1 HCAPLUS
CN Ethanol, 2-[(2-ethylhexyl)amino]- (CA INDEX NAME)



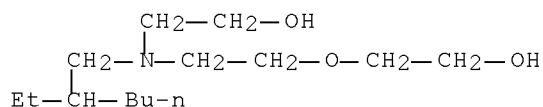
RN 171264-53-2 HCAPLUS
CN Soypon SCE (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 240492-41-5 HCAPLUS
CN Amilite ACT 12 (CA INDEX NAME)

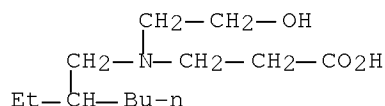
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 851625-76-8 HCAPLUS
CN Ethanol, 2-[(2-ethylhexyl)[2-(2-hydroxyethoxy)ethyl]amino]- (CA INDEX NAME)



RN 851625-77-9 HCAPLUS

CN β -Alanine, N-(2-ethylhexyl)-N-(2-hydroxyethyl)-, monosodium salt
(9CI) (CA INDEX NAME)



● Na

RN 851680-02-9 HCAPLUS

CN Hartall 30 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 31900-57-9, Polydimethylsiloxane

RL: REM (Removal or disposal); PROC (Process)

(assumed monomers, oil; antirust oil-water separation type detergent
compns.

with good detergency)

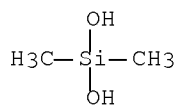
RN 31900-57-9 HCAPLUS

CN Silanediol, 1,1-dimethyl-, homopolymer (CA INDEX NAME)

CM 1

CRN 1066-42-8

CMF C2 H8 O2 Si



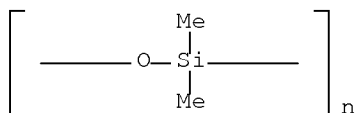
IT 9016-00-6, Polydimethylsiloxane

RL: REM (Removal or disposal); PROC (Process)

(oil; antirust oil-water separation type detergent compns. with good
detergency)

RN 9016-00-6 HCAPLUS

CN Poly[oxy(dimethylsilylene)] (CA INDEX NAME)



RETABLE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
=====	+	+	+	+	+
Kao Corp	1987			JP 62-146285 A	HCAPLUS
Kao Corp	1993			JP 05-279695 A	HCAPLUS
Kao Corp	1996			JP 08-000917 B2	HCAPLUS
Lion Corp	2000			JP 2000290686 A	HCAPLUS
Nicca Chemical Co Ltd	2003			JP 3430147 B2	HCAPLUS
Yushiro Chemical Indust	2003			JP 2003119496 A	HCAPLUS

=> d bib abs hitstr retable tot 1157

L157 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 1999:736260 HCAPLUS Full-text

DN 131:340807

TI Method for rehabilitation and corrosion protection of reinforcing steel
embedded in hardened concrete structures using surface-applied
corrosion-inhibiting compositions

IN Marazzani, Beat; Mader, Urs; Burge, Theodor A.

PA Sika AG, Vorm. Kaspar Winkler and Co., Switz.; Sika Schweiz AG

SO Eur. Pat. Appl., 20 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 957071	A1	19991117	EP 1998-108660	19980513 <--
	EP 957071	B1	20040324		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AT 262499	T	20040415	AT 1998-108660	19980513 <--
	PT 957071	T	20040831	PT 1998-108660	19980513 <--
	ES 2140363	T3	20041116	ES 1998-108660	19980513 <--
	US 2002066889	A1	20020606	US 1999-309290	19990511 <--
	US 6402990	B2	20020611		
	CA 2271529	A1	19991113	CA 1999-2271529	19990512 <--
	HK 1025764	A1	20041126	HK 2000-102961	20000517 <--
	US 2003034479	A1	20030220	US 2002-135762	20020501 <--
	US 6712995	B2	20040330		
PRAI	EP 1998-108660	A	19980513	<--	
	US 1999-309290	A3	19990511	<--	
OS	MARPAT 131:340807				

AB Method and compns. provide the reduction of the corrosion rate of already
corroding steel reinforcements embedded in a hardened concrete structure
exposed to aggressive environments as well as the corrosion inhibition of
uncorroded steel reinforcements. The corrosion-inhibiting compns. are based
on aqueous soluble and/or emulsion of: (a) ≥1 amino- and/or hydroxyalkylamino
compound (e.g., 2-Aminoethanol and N-Etylcyclohexylamine), which are partially
or completely neutralized with ≥1 inorg. acid and/or derivs. thereof (e.g.,

KH₂PO₄) and/or aliphatic carboxylic- and/or aromatic carboxylic acid (e.g., octanoic acid), (b) ≥ 1 surfactant (e.g., N-Lauroylsarcosine, sodium salt), and (c) optionally, ≥ 1 water-based or water-thinnable repellent agent selected from the group of organosilicones. These compns. are applied by impregnating the reinforced concrete structures. The average corrosion rates of the reinforcing steel embedded in carbonated concrete were 31-42% based on the corresponding initial value.

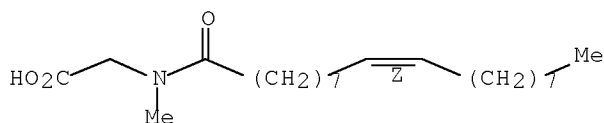
IT 110-25-8D, N-Oleylsarcosine, alkanol-ammonium salts
 137-16-6, N-Lauroylsarcosine, sodium salt 14351-62-3
 21539-56-0D, N-Lauroyl- β -alanine, alkanol-ammonium salts
 21668-16-6, N-Lauroyl- β -alanine, sodium salt
 68003-46-3D, N-Lauroylsarcosine, ammonium salt, alkanol derivs.

RL: MOA (Modifier or additive use); USES (Uses)
 (method and compns. for corrosion protection of reinforcing steel
 embedded in hardened concrete structures)

RN 110-25-8 HCAPLUS

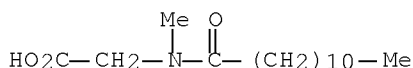
CN Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]- (CA INDEX NAME)

Double bond geometry as shown.



RN 137-16-6 HCAPLUS

CN Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (1:1) (CA INDEX NAME)

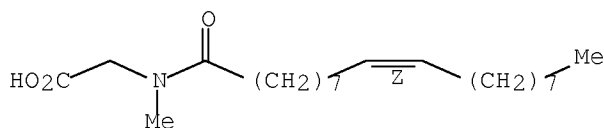


● Na

RN 14351-62-3 HCAPLUS

CN Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]-, sodium salt (1:1) (CA INDEX NAME)

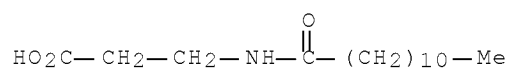
Double bond geometry as shown.



● Na

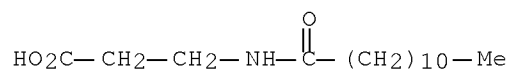
RN 21539-56-0 HCAPLUS

CN β -Alanine, N-(1-oxododecyl)- (CA INDEX NAME)



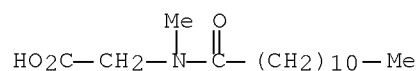
RN 21668-16-6 HCAPLUS

CN β -Alanine, N-(1-oxododecyl)-, monosodium salt (9CI) (CA INDEX NAME)



RN 68003-46-3 HCAPLUS

CN Glycine, N-methyl-N-(1-oxododecyl)-, ammonium salt (1:1) (CA INDEX NAME)



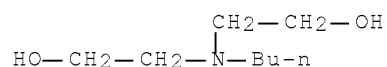
IT 102-79-4 2160-93-2

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(method and compns. for corrosion protection of reinforcing steel embedded in hardened concrete structures)

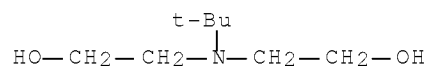
RN 102-79-4 HCAPLUS

CN Ethanol, 2,2'-(butylimino)bis- (CA INDEX NAME)



RN 2160-93-2 HCAPLUS

CN Ethanol, 2,2'-[(1,1-dimethylethyl)imino]bis- (CA INDEX NAME)



RETABLE

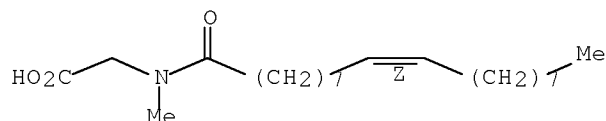
Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	Referenced File
Grace W R & Co	1994			EP 0614860 A	HCAPLUS

Sandoz Ltd	1996		WO 9627695 A	HCAPLUS
Sika AG	1995		EP 0635463 A	HCAPLUS

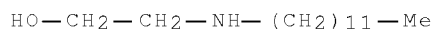
L157 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN
 AN 1998:728440 HCAPLUS Full-text
 DN 130:54672
 TI Rust preventive oil compositions
 IN Takeshima, Yutaka; Ohnishi, Teruaki
 PA Cosmo Sogo Kenkyusho K. K., Japan; Cosmo Oil Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 10298575	A	19981110	JP 1997-107674	19970424 <--
PRAI	JP 1997-107674		19970424	<--	
AB	Rust preventive oil compns. contain (A) ≥1 amines selected from oxyethylenealkylamines, polyoxyethylenealkylamines, monoalkylamines, dialkylamines, trialkylamines, alkylenediamines and polyoxyalkylenediamines (with C6-24 alkyl groups, preferably C8-18 alkyl groups) 0.1-30, (B) ≥1 compds. selected from basic or neutral, alkali or alkaline earth metal salts of aromatic sulfonic acids, polyol partial esters, and metal salts of partial esters of oxidized waxes 1-30, and (C) base oils having viscosity of 0.5-20 mm ² /s (at 40°) 40-98.9 weight%.				
IT	110-25-8, Oleoylsarcosine 16613-87-9, N-Dodecylethanolamine RL: MOA (Modifier or additive use); USES (Uses) (rust preventive oil compns. containing)				
RN	110-25-8 HCAPLUS				
CN	Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]- (CA INDEX NAME)				

Double bond geometry as shown.



RN 16613-87-9 HCAPLUS
 CN Ethanol, 2-(dodecylamino)- (CA INDEX NAME)



L157 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN
 AN 1970:113542 HCAPLUS Full-text
 DN 72:113542
 OREF 72:20515a,20518a
 TI Heating oils with corrosion inhibitors
 IN Hovemann, Friedrich
 PA Badische Anilin- & Soda-Fabrik AG
 SO Ger., 3 pp.

CODEN: GWXXAW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1645703	A	19700312	DE 1967-B94124	19670824 <--
	NL 6812063	A	19690226	NL 1968-12063	19680823 <--
PRAI	DE 1967-B94124	A	19670824	<--	

AB Ammonium N-oleoylsarcosine (60-300 ppm) and 10-90 ppm ammonium N-acyl-(C1-10)-sarcosine or the ammonium salts from cyclohexylamine, Bu₂NH, morpholine, or (HOCH₂CH₂)₂NBu are used as corrosion inhibitors. Thus, to a heating oil EL, saturated at 20° with H₂O, is added: (a) 100 ppm of the reaction product from 60 parts N-oleoylsarcosine with 60 parts cyclohexylamine in combination with 15 ppm cyclohexylammonium salt of N-propionylsarcosine or (b) 100 ppm of the reaction product from 80 parts N-oleoylsarcosine with 20 parts Bu₂NH in combination with 25 ppm di-Bu ammonium salt of N-ethyl-hexanoylsarcosine or (c) 100 ppm of the reaction product from 70 parts N-oleoylsarcosine with 30 parts (HOCH₂CH₂)₂NBu in combination with 20 ppm of this salt of N-crotonylsarcosine. Then, 0.3 g H₂O/kg oil is added and thoroughly mixed with strong agitation. H₂O settles to the bottom after 72 hr without formation of white, insol., viscous flocculation.

IT 110-25-8

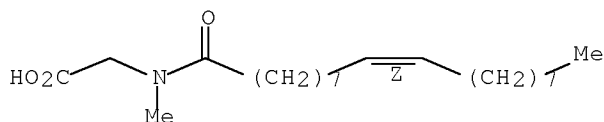
RL: USES (Uses)

(reaction products with amines and sarcosine derivs. ammonium salts, corrosion inhibitors, for fuel oil)

RN 110-25-8 HCAPLUS

CN Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]- (CA INDEX NAME)

Double bond geometry as shown.



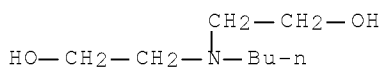
IT 102-79-4

RL: USES (Uses)

(reaction products with sarcosine derivs., corrosion inhibitors for fuel oil)

RN 102-79-4 HCAPLUS

CN Ethanol, 2,2'-(butylimino)bis- (CA INDEX NAME)



L157 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 1968:429122 HCAPLUS Full-text

DN 69:29122

OREF 69:5458h,5459a

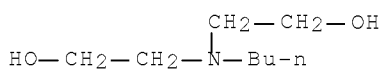
TI Corrosion inhibitor-containing fuel oils

IN Hovemann, Friedrich; Otterbach, Hans

PA Badische Anilin- & Soda-Fabrik AG

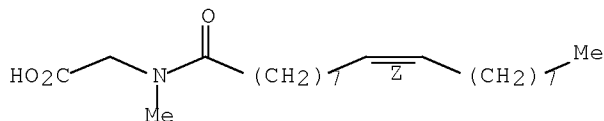
SO Ger., 2 pp.
 CODEN: GWXXAW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1269273		19680530	DE 1967-1269273	19670403 <--
AB	The insol., flocculent, viscous ppts. which often occur in fuel oils containing 10-150 ppm. of organic ammonium salts of N-oleylsarcosine (I) in the presence of H ₂ O are prevented by the addition of 2-50 ppm. of triesters of H ₃ PO ₄ , especially alkyl esters. Thus, to an EL fuel oil saturated with H ₂ O at 20°, 100 ppm. of the reaction product of 60 parts I and 40 parts cyclohexylamine in a mole ratio of 1:2.4 was added in combination with 20 ppm. triiso-Bu phosphate. When 0.3 g. H ₂ O/kg. oil was added, the H ₂ O separated in droplets after thorough mixing and 72 hrs. standing.				
IT	102-79-4F 110-25-8F				
	RL: PREP (Preparation) (preparation of)				
RN	102-79-4 HCAPLUS				
CN	Ethanol, 2,2'-(butylimino)bis- (CA INDEX NAME)				



RN 110-25-8 HCAPLUS
 CN Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]- (CA INDEX NAME)

Double bond geometry as shown.



L157 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 1968:429116 HCAPLUS Full-text

DN 69:29116

OREF 69:5455a,5458a

TI Corrosion inhibitors for fuel oils

IN Hovemann, Friedrich; Otterbach, Hans

PA Badische Anilin- & Soda-Fabrik AG

SO Ger., 2 pp.

CODEN: GWXXAW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1268298		19680516	DE 1967-1268298	19670406 <--
	FR 1568363			FR	
AB	The corrosion inhibitors contain, for example, 100 ppm. of the reaction product of 60 parts N-oleylsarcosine and 40 parts cyclohexamine (mole ratio				

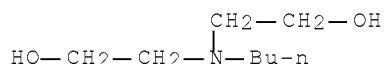
1:2.4), 20 ppm. of a salt of 2-ethylhexanoic acid and cyclohexylamine, or 100 ppm. of a reaction product of 80 parts N-oleoylsarcosine and 20 parts morpholine (ratio 1:1) combined with 25 ppm. of "propionic Bu diethanolamine."

IT 102-79-4F 110-25-8F

RL: PREP (Preparation)
(preparation of)

RN 102-79-4 HCAPLUS

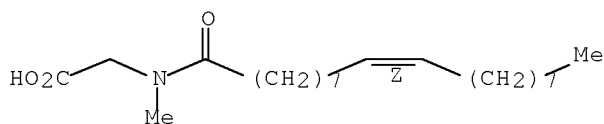
CN Ethanol, 2,2'-(butylimino)bis- (CA INDEX NAME)



RN 110-25-8 HCAPLUS

CN Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]- (CA INDEX NAME)

Double bond geometry as shown.



L157 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 1961:147095 HCAPLUS Full-text

DN 55:147095

OREF 55:27878e-g

TI Anticorrosive, water-displacing compositions for internal-combustion engines

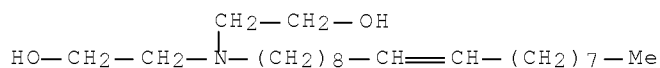
PA J.R. Geigy Akt.-Ges.

DT Patent

LA Unavailable

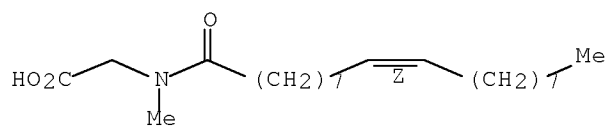
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	GB 868990		19610525	GB 1958-21982	19580709 <--
	US 3034907		19620515	US 1958-746599	19580707 <--
AB	High-mol.-weight N-carboxyalkylamides and hydroxyalkylated amines or N bases in oily carriers remove H ₂ O from metal surfaces and may be used to prevent corrosion of metal and to prevent icing of carburetors of internal-combustion engines. Thus, a typical mixture contains oleoylsarcoside 20, N - (hydroxyethylaminoethyl)stearylamine 20, spindle oil 750, fenchyl alc. 5, morpholine 20, and distilled petroleum 165 parts. Other amides used include stearylsarcoside, decyloxyacetylsarcoside, decylthioacetylsarcoside, decyloxyacetylglycide, and C ₁₁ H ₂₃ CONHCH(COOH)CH ₂ CHMe ₂ . Other amines used include N, Nbis(hydroxyethyl)stearylamine, dimethylaminotris(hydroxymethyl)methane oleic acid monoester and diester, triethanolamine dilauric acid ester, bis(hydroxyethyl)oleylamine decyloxyacetic acid monoester, bis(hydroxyethyl)stearylamine lauroylsarcosine monoester, and bis(hydroxyethyl)oleylamine oleoylsarcosine monoester.				
IT	25307-17-9, Ethanol, 2,2'-(9-octadecenylimino)di- (esters, hydrocarbons containing)				
RN	25307-17-9 HCAPLUS				
CN	Ethanol, 2,2'-(9-octadecen-1-ylimino)bis- (CA INDEX NAME)				

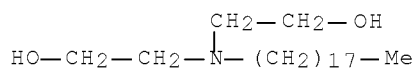


IT 110-25-8, Sarcosine, N-oleoyl- 10213-78-2, Ethanol,
2,2'-(octadecylimino)di-
(hydrocarbons containing)
RN 110-25-8 HCAPLUS
CN Glycine, N-methyl-N-[(9Z)-1-oxo-9-octadecen-1-yl]- (CA INDEX NAME)

Double bond geometry as shown.



RN 10213-78-2 HCAPLUS
CN Ethanol, 2,2'-(octadecylimino)bis- (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 06:39:37 ON 17 MAR 2008)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 06:39:47 ON 17 MAR 2008

L1 1 S US20070173425/PN OR (US2007-577877# OR WO2004-JP15520 OR JP20
E OKUMURA/AU
E OKUMURA K/AU
L2 361 S E3-E5,E53
E OKUMURA NAME/AU
L3 13 S E4
E KAZUSHI/AU
L4 1 S E3
E TOCHIKAWA/AU
L5 6 S E4,E5
E HIROFUMI/AU
E MAKINO/AU
L6 1 S E3
E MAKINO M/AU
L7 121 S E3-E5,E19
E MAKINO NAME/AU
L8 15 S E4
E MASAHIRO/AU
L9 3 S E3
E TOJO/AU

L10 E TOJO H/AU
 173 S E3,E7,E8
 E TOJO NAME/AU
 E HIDEAKI/AU
 L11 3 S E3
 E NICCA/CO
 L12 111 S E4-E9/CO,PA,CS
 E E6+ALL
 E HONDA/CO
 L13 9486 S E3-E184,E187/CO,PA,CS
 E E88+ALL
 L14 8897 S E2+RT OR E2-E28/PA,CS
 L15 1 S L1 AND L2-L14
 L16 687 S L2-L11 NOT L15
 L17 6 S L16 AND (C23G OR B08B OR C11D)/IPC,IC,ICM,ICS,EPC
 L18 6 S L16 AND DETERGENT?/SC,SX,CW,CT,BI
 L19 8 S L16 AND CLEAN?
 L20 11 S L17-L19
 E NIKKA/CO
 L21 1084 S E4-E101/CO,PA,CS
 E E10+ALL
 L22 664 S E2+RT OR E2-E4/PA,CS
 SEL AN 9 L20
 L23 2 S E1-E2 OR L1
 L24 2 S L23 AND L1-L23
 SEL RN

FILE 'REGISTRY' ENTERED AT 06:51:49 ON 17 MAR 2008

L25 21 S E3-E23
 L26 8 S L25 NOT N/ELS
 L27 3 S L26 AND (UNSPECIFIED OR HARTALL OR SOYPON OR ATC()12 OR AMILI
 L28 13 S L25 AND N/ELS
 L29 4 S L28 AND (C19H36N2O3 OR C3H7NO2 OR C13H27NO3)
 L30 1 S L29 AND NA/ELS
 L31 1 S 851746-17-3/CRN
 L32 4 S L27,L30,L31
 L33 9 S L28 NOT L29-L32
 L34 2 S 61993-95-1 OR 851625-76-8
 E C15H31NO3/MF
 L35 1 S E3 AND BETA ALANINE AND HYDROXYETHYL
 E C17H35NO3/MF
 L36 1 S E3 AND BETA ALANINE AND HYDROXYETHYL
 E C19H39NO3/MF
 L37 0 S E3 AND BETA ALANINE AND HYDROXYETHYL
 E C21H43NO3/MF
 L38 0 S E3 AND BETA ALANINE AND HYDROXYETHYL
 E C23H47NO3/MF
 L39 0 S E3 AND BETA ALANINE AND HYDROXYETHYL
 L40 2 S L35,L36
 SEL RN
 L41 4 S E1-E2/CRN
 L42 8 S L32,L41
 E LAUROYL GLYCINATE/CN
 E LAUROYLGLYCINATE/CN
 L43 1 S E4
 E LAUROYLALANINE/CN
 L44 1 S E3
 E LAUROYL-B-ALANINE/CN
 E C15H29NO3/MF
 L45 11 S E3 AND OXODODECYL

L46 4 S L45 AND ALANINE NOT D/ELS
 E LAUROYLGLUTAM/CN
 L47 1 S E4
 E C17H31NO5/MF
 L48 3 S E3 AND GLUTAMIC AND OXODODECYL
 E MYRISTOYLGLYCINE/CN
 E MYRISTOYL GLYCINE/CN
 E MYRISTOYL ALANINE/CN
 E MYRISTOYLALANINE/CN
 E MYRISTOYL GLUTAM/CN
 E C16H31NO3/MF
 L49 1 S E3 AND GLYCINE AND OXOTETRADECYL
 E N-MYRISTOYLALANINE/CN
 E N-MYRISTOYLALANINE/CN
 L50 1 S E4
 E C17H33NO3/MF
 L51 4 S E3 AND ALANINE AND OXOTETRADECYL
 E N-MYRISTOYLGLUTAM/CN
 L52 1 S E5
 E C19H35NO5/MF
 L53 2 S E3 AND GLUTAMIC AND OXOTETRADECYL
 E PALMITOYL GLYCINE/CN
 L54 1 S E4
 E C18H35NO3/MF
 L55 2 S E3 AND GLYCINE AND OXOHEXADECYL
 L56 1 S L55 NOT 13C
 E N-PALMITOYLALANINE/CN
 E ALANINE, N-PALMITOYL/CN
 E ALANINE, N-(1-OXOHEXADECYL)-/CN
 L57 1 S E3
 E C19H37NO3/MF
 L58 5 S E3 AND ALANINE AND OXOHEXADECYL
 L59 4 S L58 NOT 13C
 E PALMITOYL GLUTAM/CN
 E PALMITOYLGLUTAM/CN
 E N-PALMITOYL GLUTAM/CN
 E N-PALMITOYLGLUTAM/CN
 L60 1 S E4
 E C21H39NO5/MF
 L61 5 S E3 AND GLUTAMIC AND OXOHEXADECYL
 L62 3 S L61 NOT 13C
 L63 23 S L43, L44, L46-L49, L51-L53, L56, L57, L59, L60, L62
 SEL RN
 L64 210 S E1-E23/CRN
 L65 206 S L64 NOT MXS/CI
 L66 200 S L65 NOT PMS/CI
 L67 116 S L66 NOT COMPD
 L68 78 S L67 NOT IDS/CI
 L69 75 S L68 NOT WITH
 L70 74 S L69 NOT C3H6O3
 E LAUROYLSARCOSINE/CN
 L71 1 S E3
 E MYRISTOYLSARCOSINE/CN
 E N-MYRISTOYLSARCOSINE/CN
 L72 1 S E3
 E N-PALMITOYLSARCOSINE/CN
 L73 1 S E3
 E N-OLEYLSARCOSINE/CN
 L74 1 S E3
 E C21H39NO3/MF

```

L75      5 S E3 AND GLYCINE AND OXO AND OCTADECEN AND METHYL
L76      4 S L75 NOT 10
L77      7 S L71-L74,L76
          SEL RN
L78      107 S E1-E7/CRN
L79      92 S L78 NOT (MXS OR PMS)/CI
L80      21 S L79 NOT (COMPD OR WITH)
L81      133 S L27,L31,L31,L42,L63,L70,L77,L80
L82      STR
L83      SCR 1700 OR 1701
L84      SCR 1597 OR 1609
L85      SCR 1944
L86      11 S L82 AND L83 AND L84 AND L85 CSS SAM
L87      3567 S L82 AND L83 AND L84 AND L85 CSS FUL
          SAV TEMP L87 CARR577A/A
L88      850 S L87 NOT PMS/CI
L89      58 S L88 AND IDS/CI
L90      12 S L89 AND NR>=1
L91      46 S L89 NOT L90
L92      43 S L91 AND 1/N
L93      29 S L92 AND 4/ELC.SUB
L94      5 S L93 AND 1/O
L95      14 S L93 AND 2/O
L96      10 S L93 NOT L94,L95
L97      792 S L88 NOT L89
L98      263 S L97 AND 1/NC
L99      263 S L98 AND 4/ELC.SUB
L100     94 S L99 AND 1/O
L101     89 S L100 NOT ((D OR T)/ELS OR LABELED OR ION OR 11C# OR 13C# OR 1
L102     39 S L101 AND C<=11
L103     1 S L94 AND C10H19NO
L104     7 S L95 AND (C10H23NO2 OR C12H27NO2 OR C12H23NO2 OR C9H21NO2 OR C
L105     101 S L99 AND 2/O
L106     98 S L105 NOT ((D OR T)/ELS OR LABELED OR ION OR 11C# OR 13C# OR 1
L107     27 S L106 AND C>=20
L108     71 S L106 NOT L107
L109     15 S L108 AND C>=15
L110     56 S L108 NOT L109
L111     31 S L110 AND (C14H31NO2 OR C11H25NO2 OR C12H27NO2 OR C13H29NO2 OR
          SEL RN 4 8-10 12 14 27
L112     24 S L111 NOT E8-E14
L113     68 S L99 NOT L100-L112
L114     68 S L113 NOT ((D OR T)/ELS OR LABELED OR ION OR 11C# OR 13C# OR 1
L115     6 S L114 AND (C12H27NO3 OR C14H31NO3)
          SEL RN 4 6
L116     4 S L115 NOT E15-E16
L117     75 S L34,L102-L104,L112,L116
L118     15 S L117 AND (C14H31NO2 OR C10H21NO2 OR C9H21NO2 OR C8H17NO OR C8
          SEL RN 3 8
L119     2 S E17-E18
L120     60 S L117 NOT L118
L121     62 S L119,L120
          SAV TEMP L121 CARR577B/A

```

FILE 'HCAPLUS' ENTERED AT 08:17:05 ON 17 MAR 2008

```

L122     185 S L121
L123     1 S L81 AND L122
L124     1 S L122 AND TALL OIL
L125     1 S L123,L124
L126     1 S L25 AND L125

```

L127 68 S L122 AND PY<=2004 NOT P/DT
L128 106 S L122 AND (PD<=20041020 OR PRD<=20041020 OR AD<=20041020) AND
L129 174 S L127,L128
L130 1 S L122 AND L1-L24
L131 1 S L126,L130
L132 173 S L129 NOT L131
L133 174 S L129-L132

FILE 'REGISTRY' ENTERED AT 08:19:25 ON 17 MAR 2008

FILE 'HCAPLUS' ENTERED AT 08:19:25 ON 17 MAR 2008

L134 TRA L133 1- RN : 3307 TERMS

FILE 'REGISTRY' ENTERED AT 08:19:30 ON 17 MAR 2008

L135 3307 SEA L134
L136 54 S L135 AND L121
L137 4 S L135 AND L81
L138 43 S L135 AND UNSPECIFIED
L139 40 S L138 NOT L137
L140 3209 S L135 NOT L136-L139
L141 2514 S L140 AND N/ELS
L142 1211 S L141 AND O>=2
L143 276 S L142 AND NC>=2
L144 239 S L143 NOT PMS/CI
L145 37 S L143 NOT L144
L146 788 S L88 NOT L121

FILE 'HCAPLUS' ENTERED AT 08:29:41 ON 17 MAR 2008

L147 11 S L146 AND L81
L148 15 S L146 AND TALL OIL
L149 25 S L147,L148
L150 0 S L149 AND PY<=2004 NOT P/DT
L151 22 S L149 AND (PD<=20041020 OR PRD<=20041020 OR AD<=20041020) AND
L152 0 S L149 AND L1-L24
SEL AN L151 2 4 6 7 9 14 17 19 20 21 22
L153 11 S E19-E40 AND L151
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 08:32:18 ON 17 MAR 2008

L154 13 S E41-E53
L155 7 S L154 AND L146
L156 6 S L154 NOT L155

FILE 'REGISTRY' ENTERED AT 08:33:22 ON 17 MAR 2008

FILE 'HCAPLUS' ENTERED AT 08:33:37 ON 17 MAR 2008

L157 6 S L153 AND L155 AND L156

FILE 'REGISTRY' ENTERED AT 08:33:56 ON 17 MAR 2008

FILE 'HCAPLUS' ENTERED AT 08:34:12 ON 17 MAR 2008

=>